

AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph, beginning at page 1, line 13, with the following amended paragraph:

--A thermo-sensitive infrared ray detector is generally used for detecting the temperature of an object by detecting [[the]] infrared [[ray]] rays radiated from the object.--

Please replace the paragraph, beginning at page 1, line 16, with the following amended paragraph:

--The thermo-sensitive infrared ray detector absorbs [[the]] infrared [[ray]] rays radiated from the object at an infrared ray absorption film, installed therein and having an optical resonator structure, to convert [[the]] infrared [[ray]] rays into [[a]] heat. The heat generated by the conversion raises the temperature of a thermo-sensitive resistor, such as a bolometer film, forming a diaphragm having a micro bridge structure. The temperature of the object can be detected by the increase of the resistance of the thermo-sensitive resistor or bolometer film.--

Please replace the paragraph, beginning at page 10, line 24, bridging pages 10 and 11, with the following amended paragraph:

--It is therefore an object of the present invention to provide [[an]] a thermo-sensitive infrared ray detector which is capable of suppressing the drift in the output signal of the detector caused by the ambient temperature or the self heating of

the resistors in the detector and has a higher sensitivity to
[[the]] infrared [[ray]] rays without incorporating a temperature
control unit, such as a Peltier element.--

Please replace the paragraph, beginning at page 25,
line 15, with the following amended paragraph:

--Fig. 16B shows another embodiment of the present
invention wherein the visors 14 has a layered structure wherein a
metallic film [[30]] 29 made of a material such as used for the
bolometer film 17 is encircled by the material for the body of
the visors 14 shown in Fig. 6.--

Please replace the paragraph, beginning at page 25,
line 20, with the following amended paragraph:

--Fig. 16C shows another embodiment of the present
invention wherein the visor 14 is covered by a metallic film
[[20]] 30 made of a material similar to that used in Fig. 16B.--